

AMENDMENTS TO THE CLAIMS

In the Claims:

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-10 (Cancelled).

11. (Previously Presented) A beam attachment system comprising:

- two posts;
- a beam; and
- at least one beam tie;

in which:

- the posts are stressed by the beam to push them apart and stressed by the beam tie to pull them together;

- the beam is connected to the beam tie; and

- the beam and the beam tie are mounted sliding relative to each other according to a finite sliding portion;

12. (Previously Presented) The attachment system according to claim 11, in which sleeves mounted on the beam tie delimit the finite sliding portion.

13. (Previously Presented) The attachment system according to claim 11, in which the beam comprises at least two lateral parts between which a beam tie passage is formed.

14. (Previously Presented) The attachment system according to claim 11, in which the

beam is supported by the beam tie.

15. (Previously Presented) The attachment system according to claim 11, in which the beam comprises several longitudinal segments.

16. (Previously Presented) The attachment system according to claim 11, in which each of the posts is connected to the beam by means of a connecting rod, the connecting rod being articulated on the one hand on the post which it connects to the beam and on the other hand on the beam.

17. (Previously Presented) The attachment system according to claim 11, in which one of the posts is an edge post.

18. (Previously Presented) The attachment system according to claim 11, in which the beam comprises a glued-laminated material and/or a welded reconstituted steel section.

19. (Previously Presented) The beam attachment system according to claim 11, in which the at least one beam tie is a single beam tie.

20. (New) A beam attachment system for attaching a beam between two posts, said beam attachment system comprising:

a beam formed of at least two lateral parts, wherein said beam is configured to stress said posts by pushing them apart;

a beam tie having at least two sleeves mounted thereon and attached to said beam and configured to be at least partially disposed within said beam, wherein said at least two sleeves define a finite sliding portion, and wherein said beam tie is configured to stress said posts by pulling them together;

wherein said beam is mounted on said beam tie such that said beam can slide relative to said beam tie within said finite sliding portion.

21. (New) The beam attachment system according to claim 20, wherein said beam further comprises a distribution plate.

22. (New) The beam attachment system according to claim 21, wherein said distribution plate is configured to engage the beam tie at said finite sliding portion.

23. (New) The beam attachment system of 22, wherein the length of the finite sliding portion is longer than the length of the distribution plate, and wherein the difference between the length of the finite sliding portion and the length of the distribution plate defines a sliding play.

24. (New) A beam attachment system comprising:

two posts;

a beam attached to each of the posts and formed of at least two lateral parts, wherein said beam is configured to stress said posts by pushing them apart;

a beam tie attached to each of the posts and having at least two sleeves mounted thereon and attached to said beam and configured to be at least partially disposed within said beam,

wherein said at least two sleeves define a finite sliding portion, and wherein said beam tie is configured to stress said posts by pulling them together;

wherein said beam is mounted on said beam tie such that said beam can slide relative to said beam tie within said finite sliding portion.

25. (New) The beam attachment system according to claim 24, wherein said beam further comprises a distribution plate.

26. (New) The beam attachment system according to claim 25, wherein said distribution plate is configured to engage the beam tie at said finite sliding portion.

27. (New) The beam attachment system of 26, wherein the length of the finite sliding portion is longer than the length of the distribution plate, and wherein the difference between the length of the finite sliding portion and the length of the distribution plate defines a sliding play.